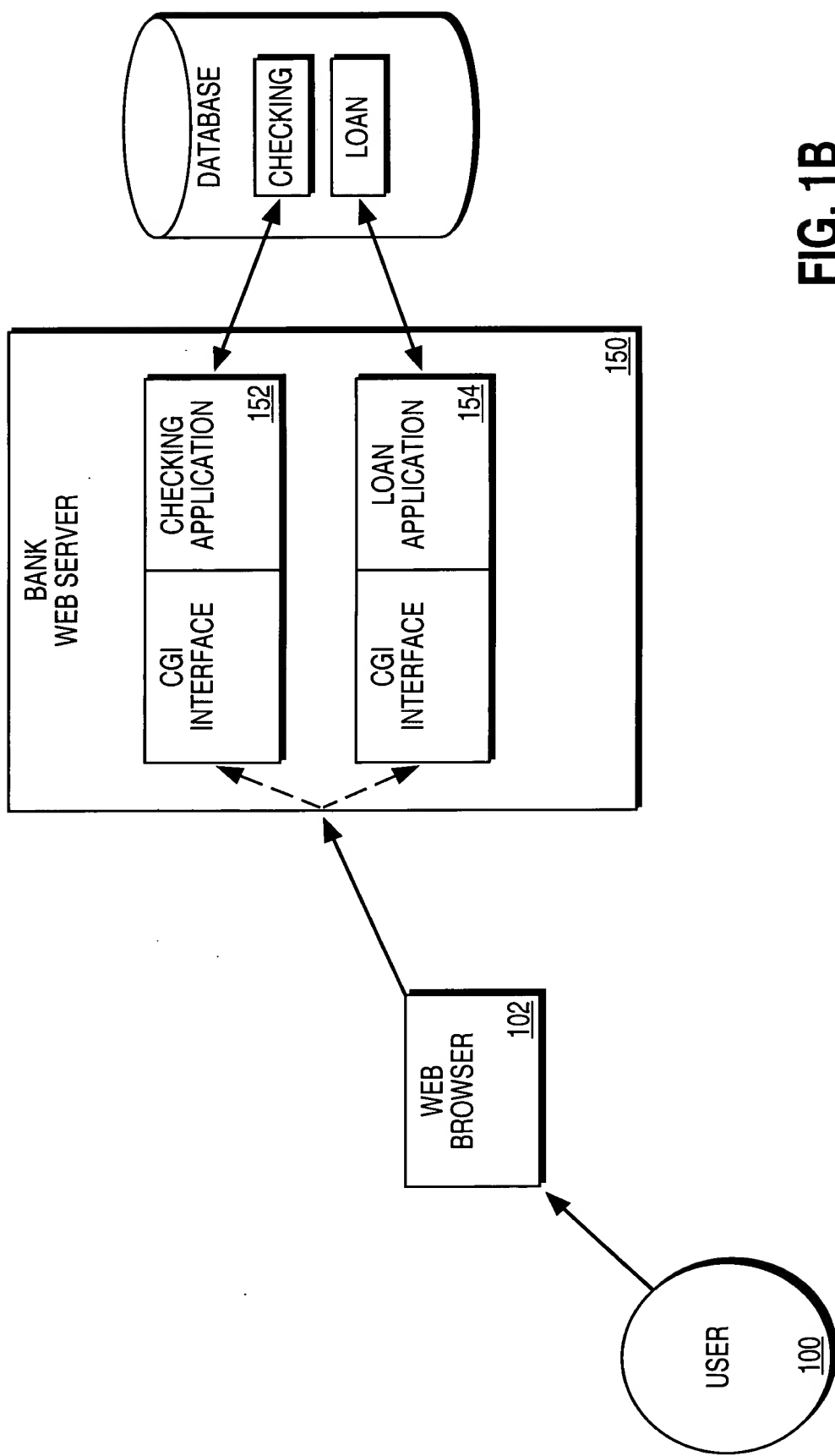


**FIG. 1A**  
(PRIOR ART)



**FIG. 1B**  
(PRIOR ART)

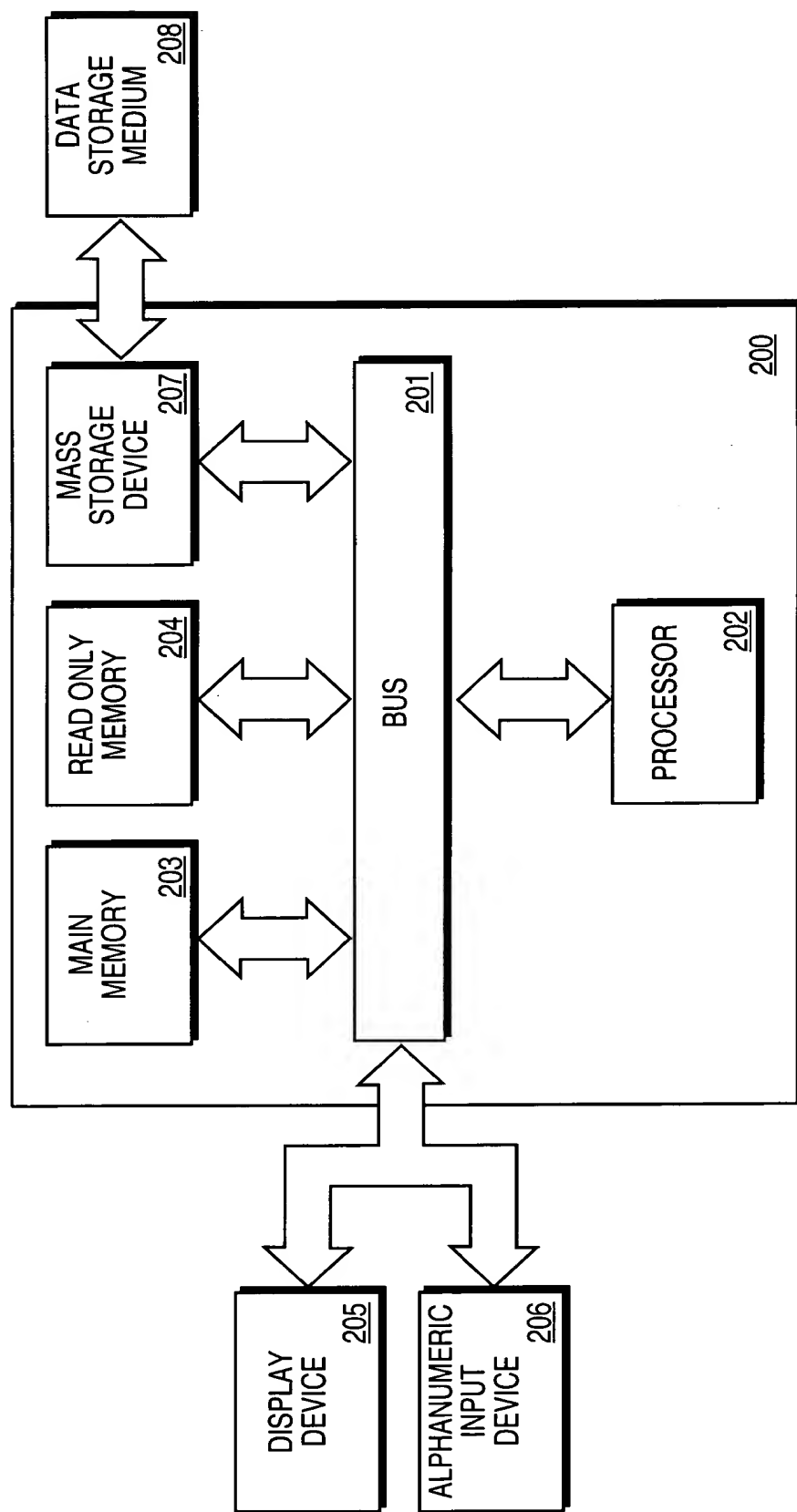
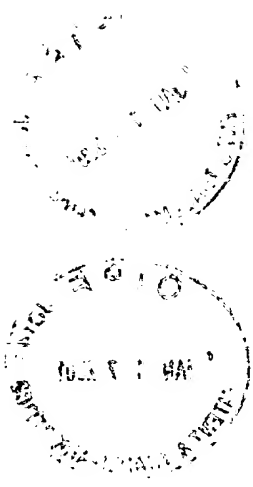
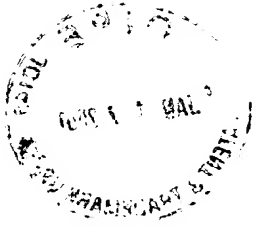


FIG. 2



OSI MODEL  
300

|              |            |
|--------------|------------|
| APPLICATION  | <u>307</u> |
| PRESENTATION | <u>306</u> |
| SESSION      | <u>305</u> |
| TRANSPORT    | <u>304</u> |
| NETWORK      | <u>303</u> |
| DATA LINK    | <u>302</u> |
| PHYSICAL     | <u>301</u> |

**FIG. 3**

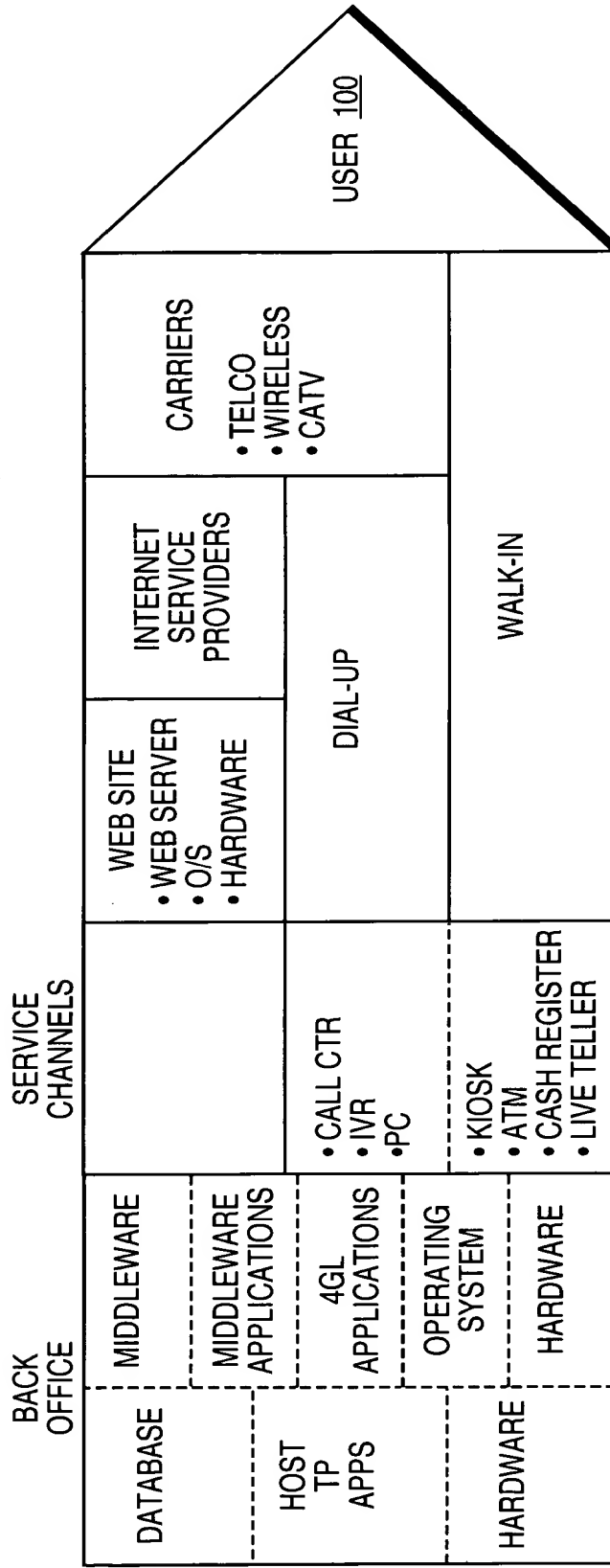


FIG. 4A

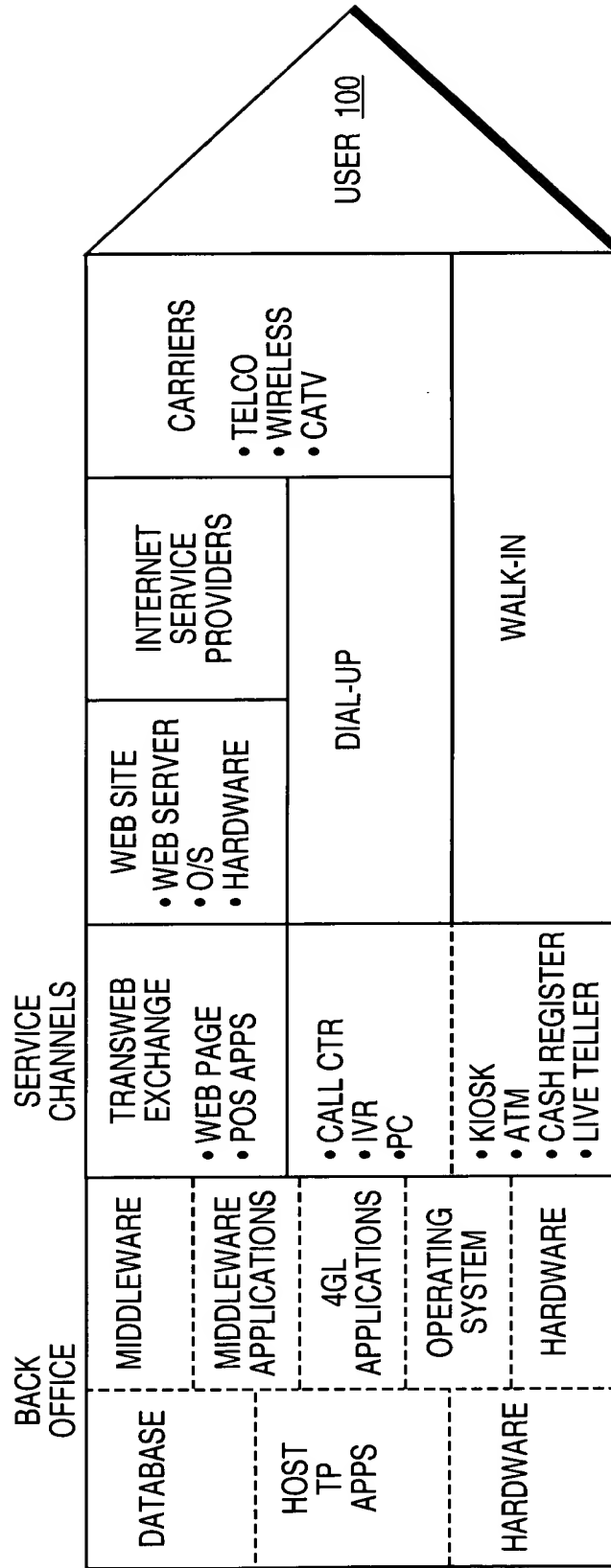
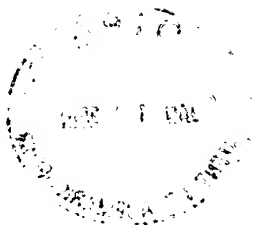
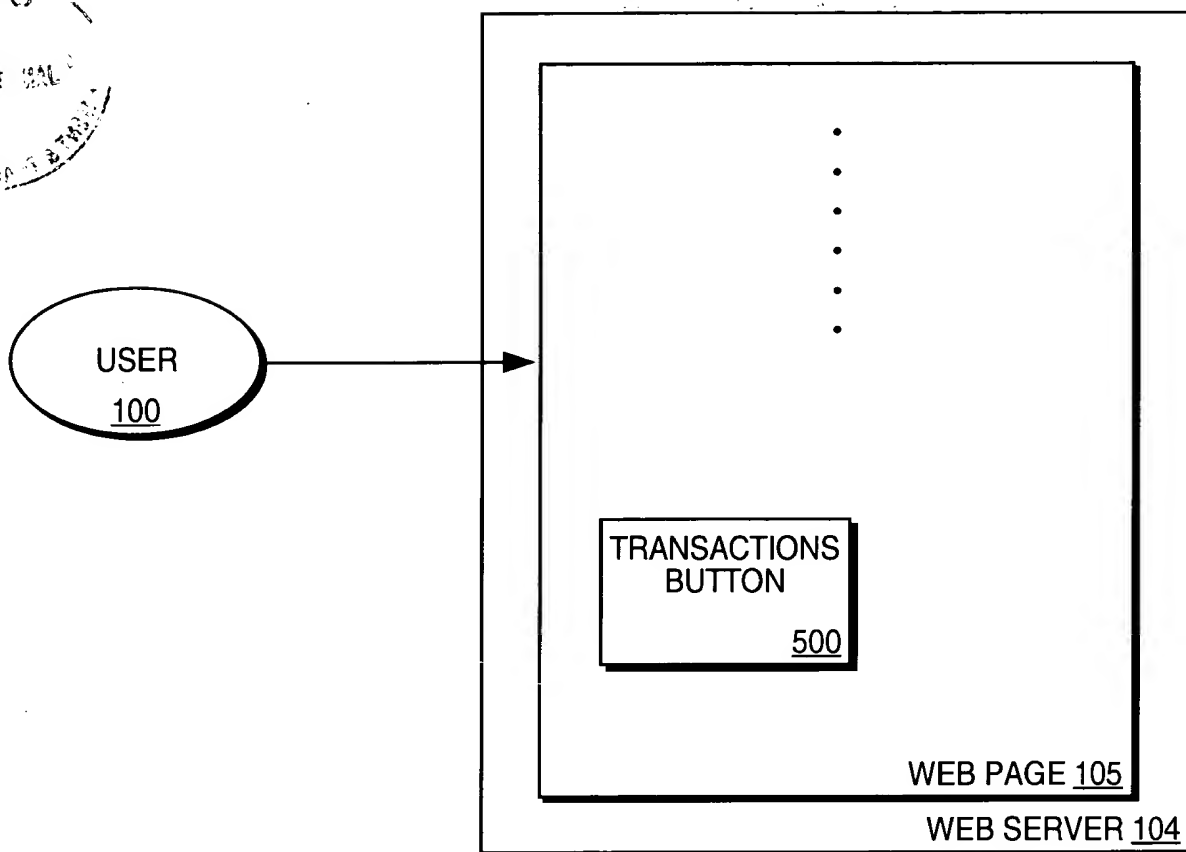
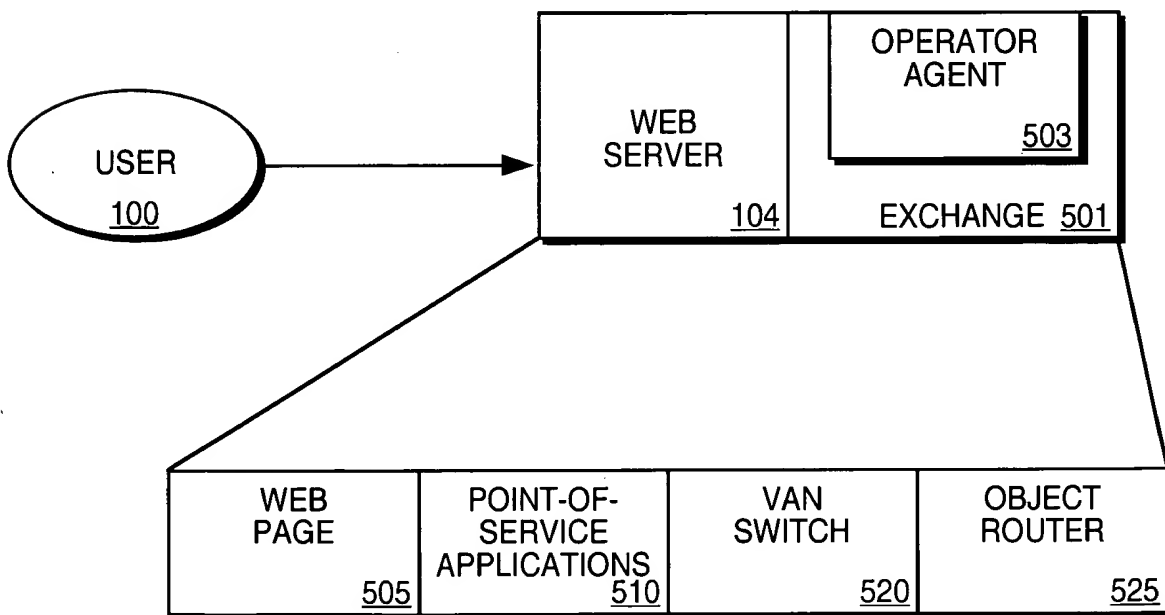


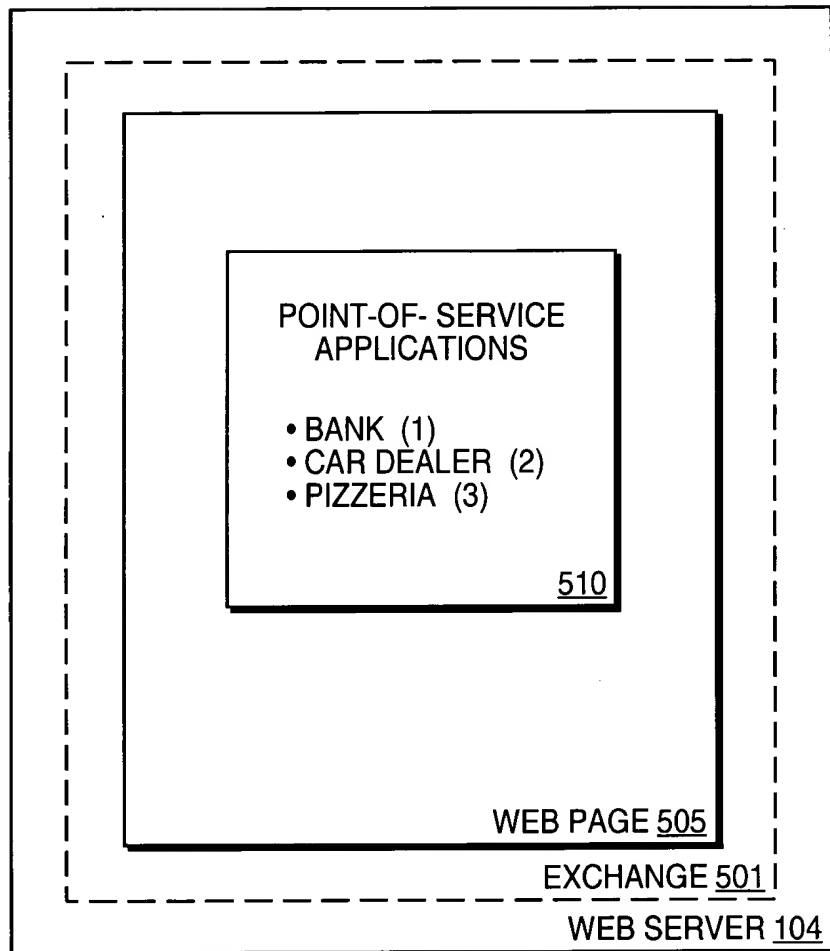
FIG. 4B



**FIG. 5A**



**FIG. 5B**



**FIG. 5C**





BANK  
"BACK OFFICE"

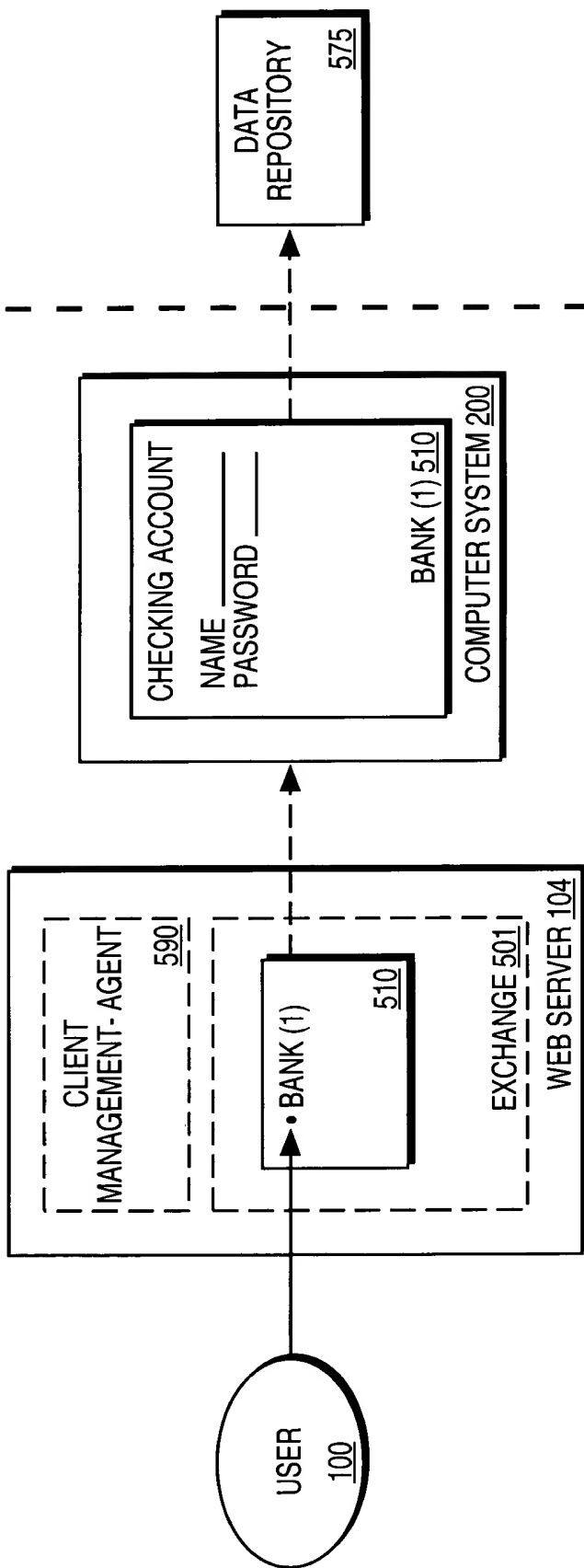
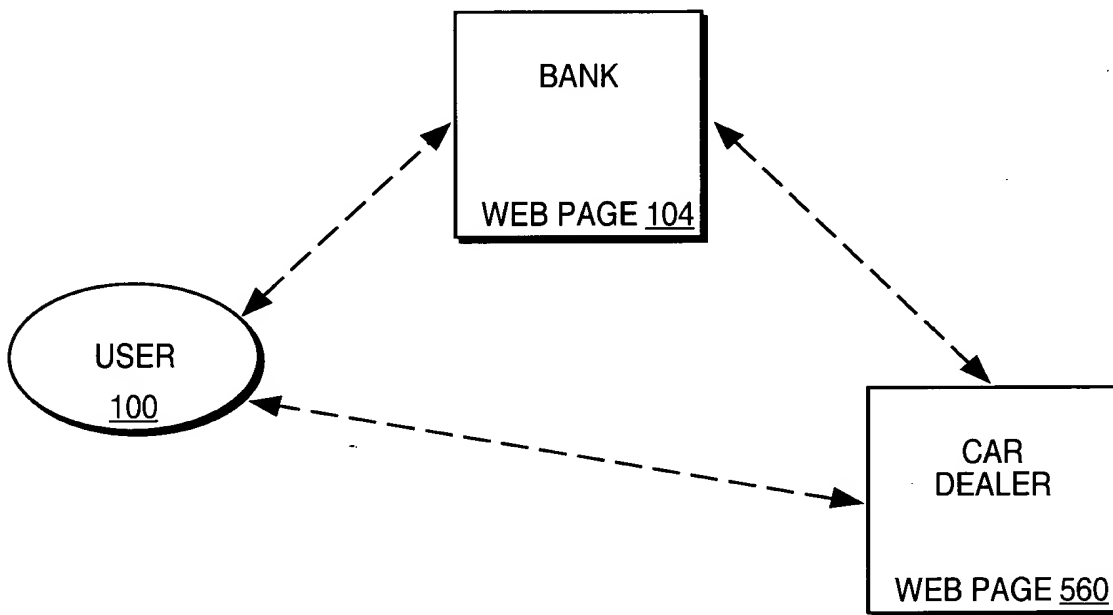
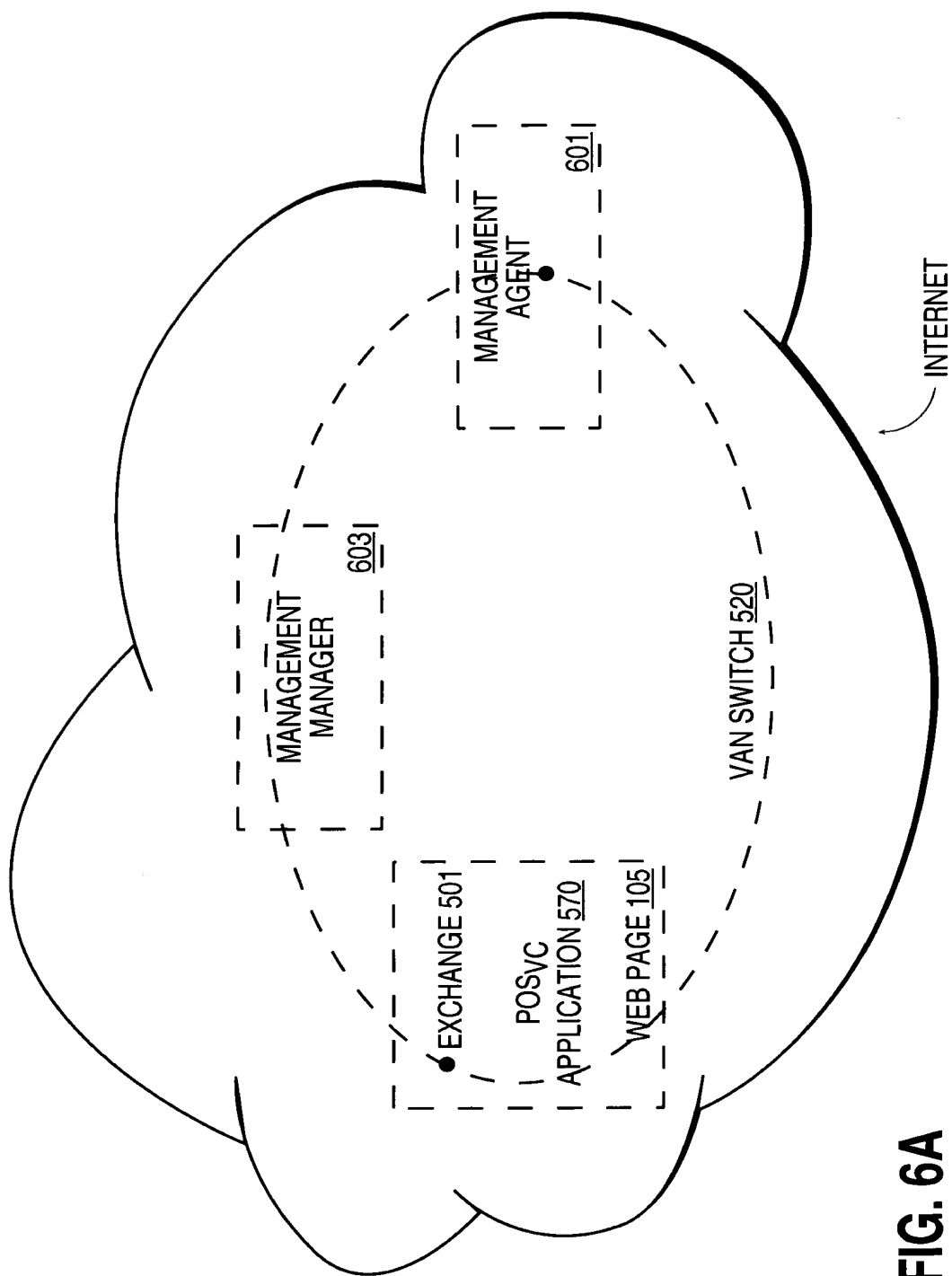


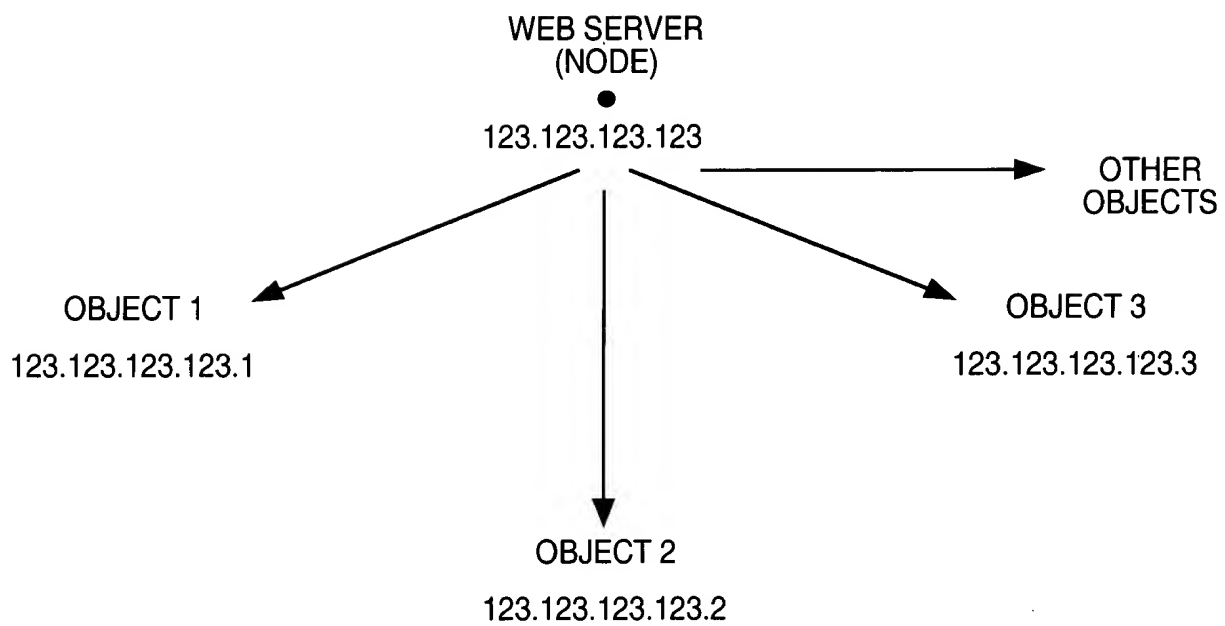
FIG. 5D



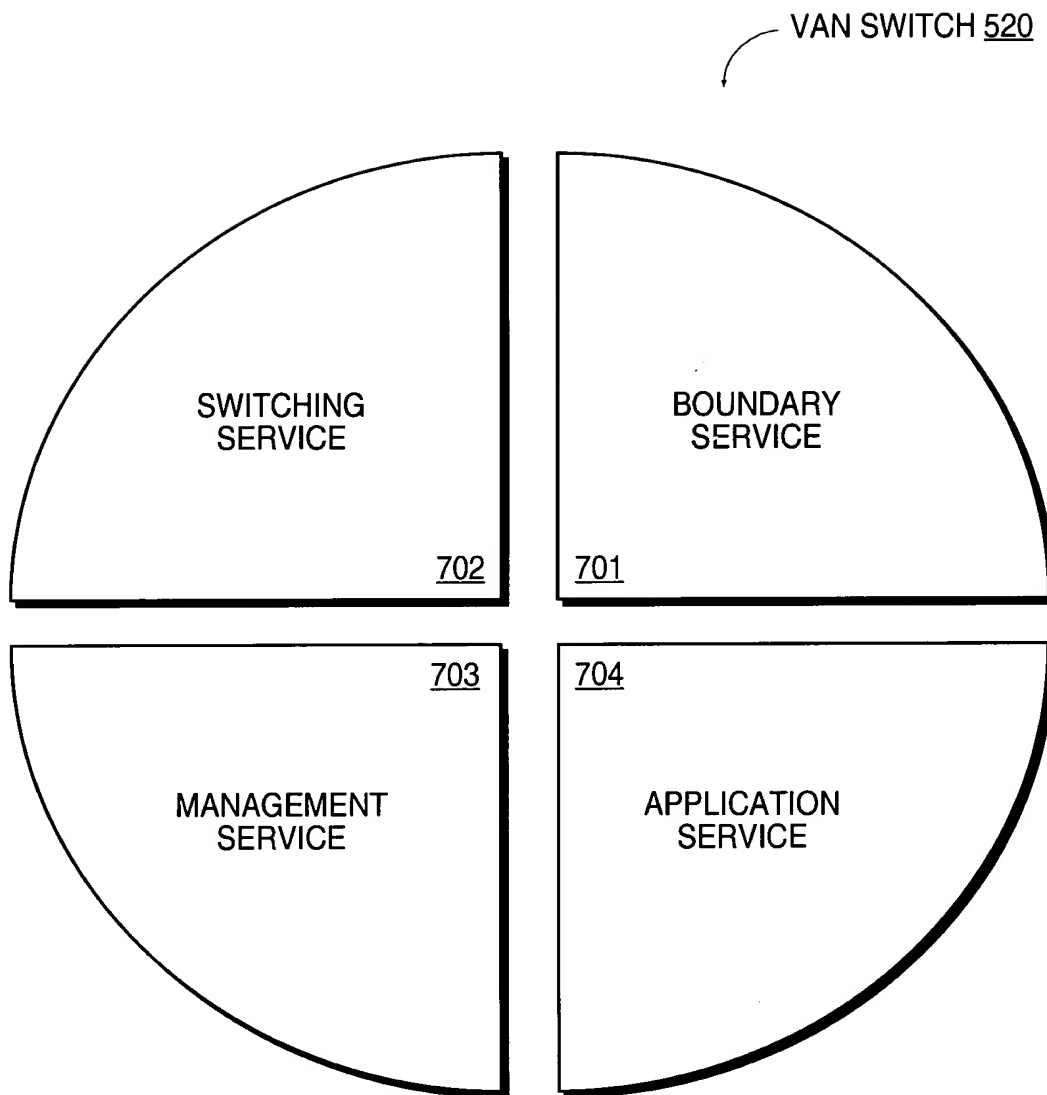
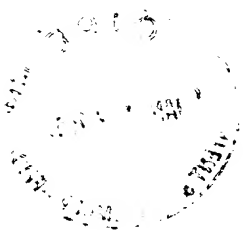
**FIG. 5E**



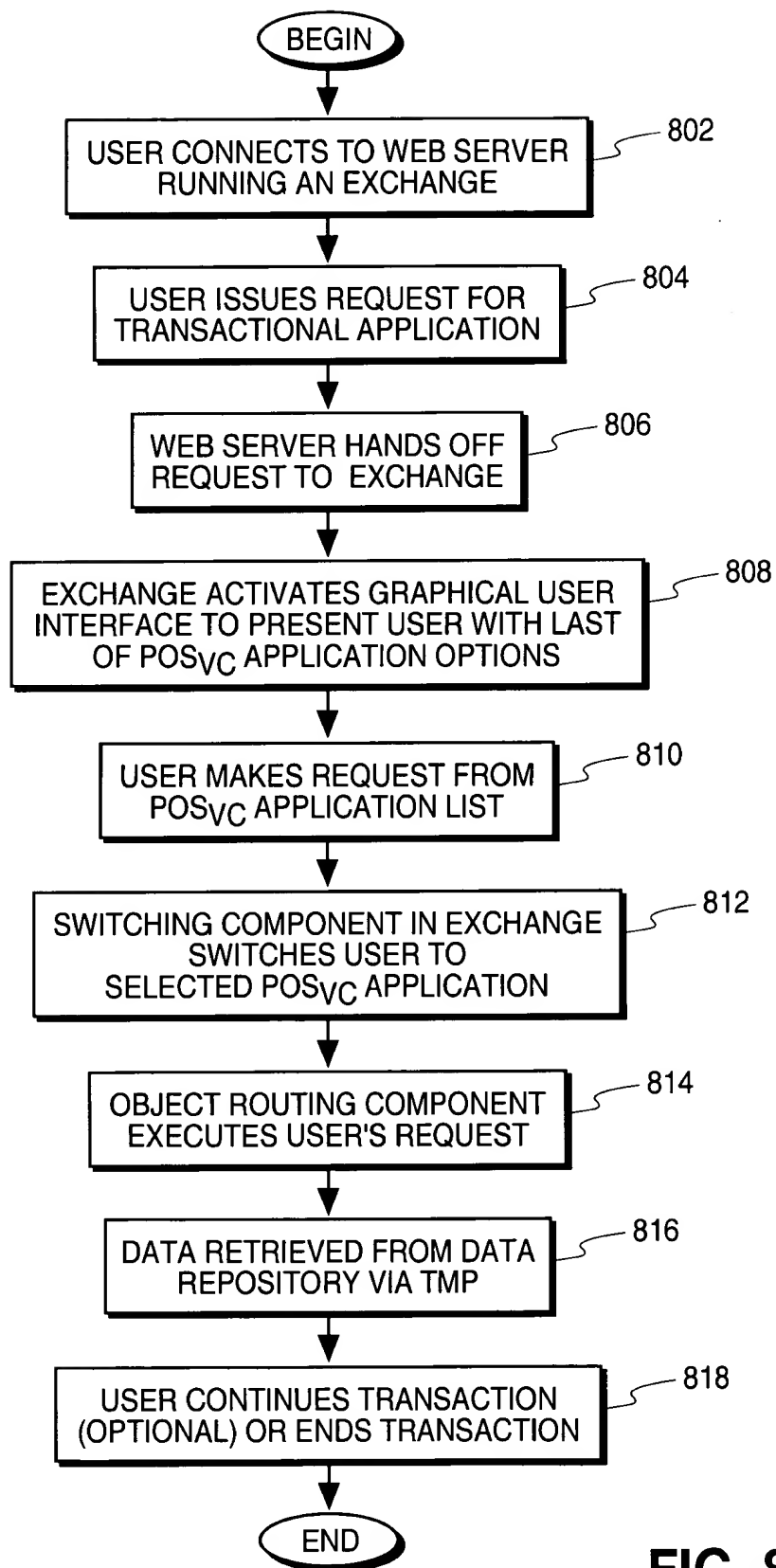
**FIG. 6A**



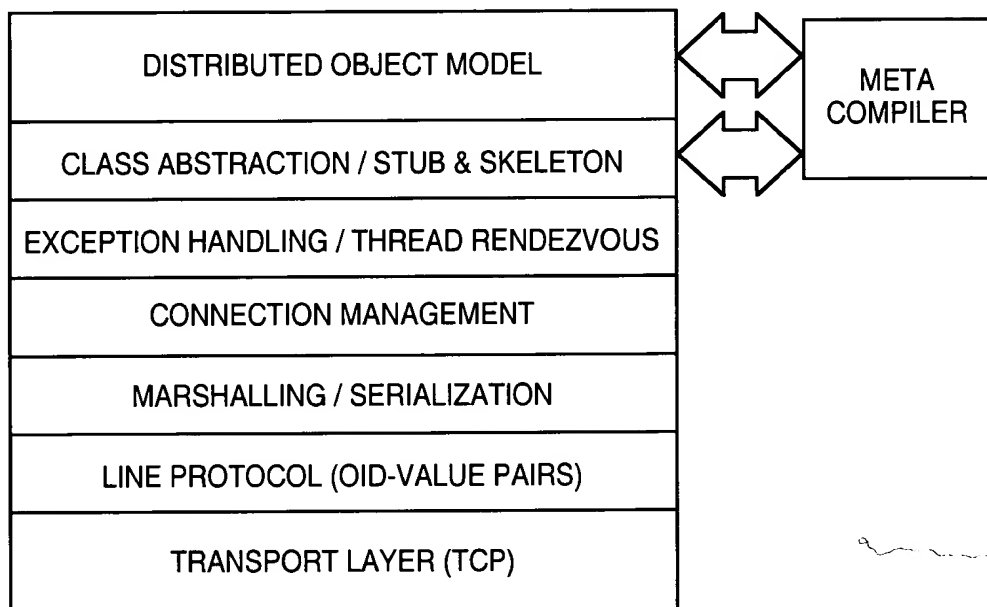
**FIG. 6B**



**FIG. 7**



**FIG. 8**



**FIG. 9**



FIG. 10



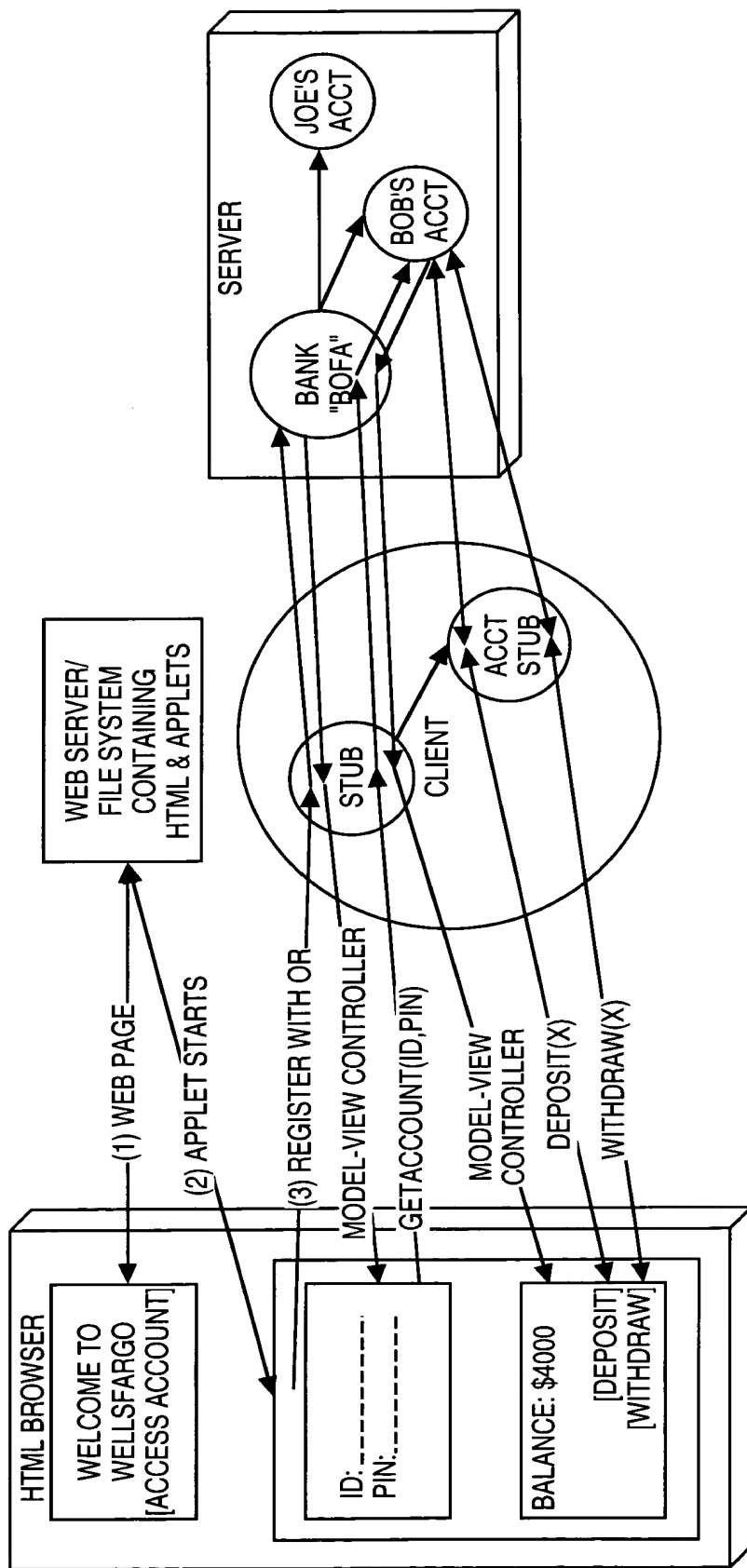


FIG. 11

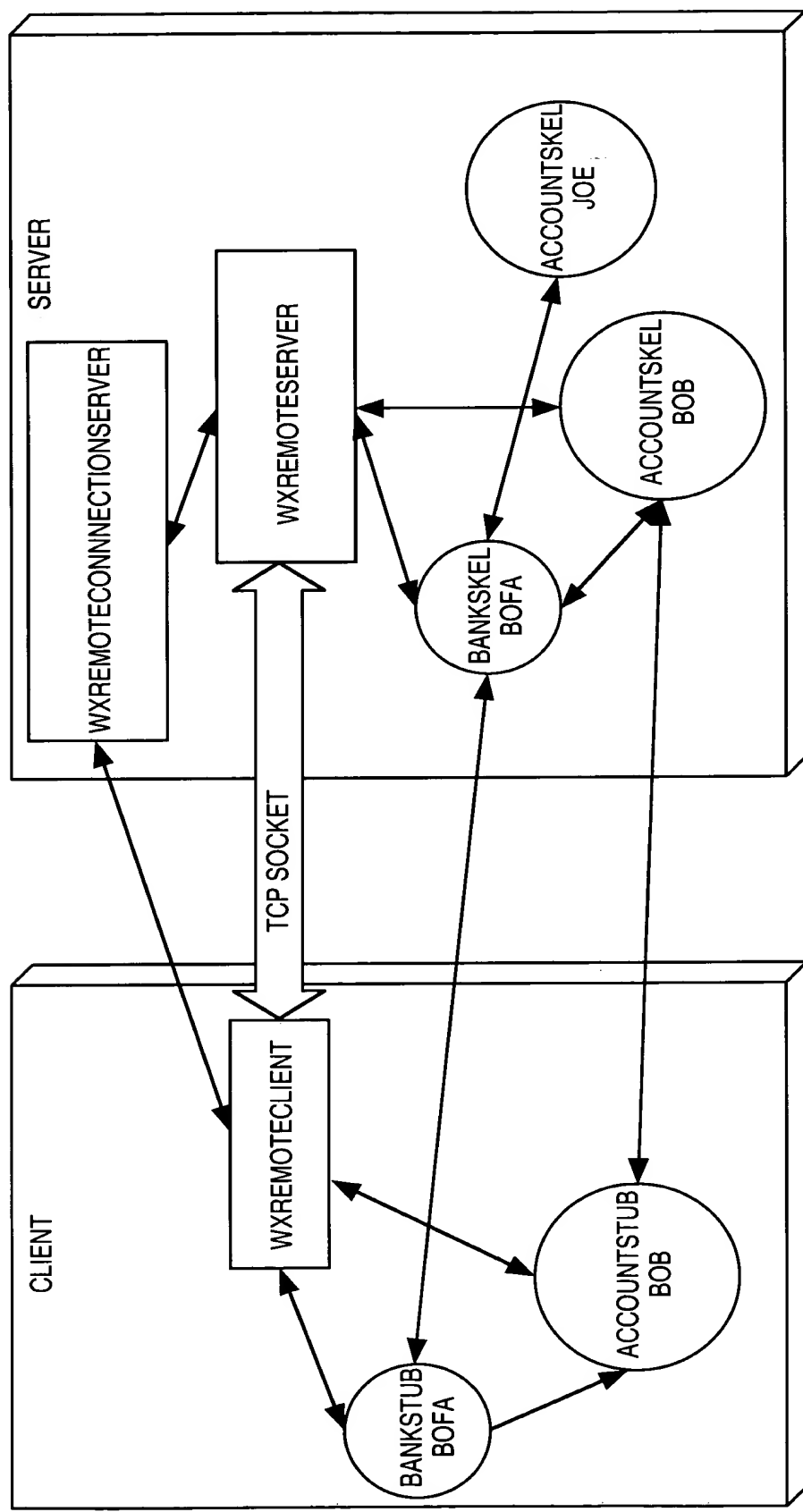
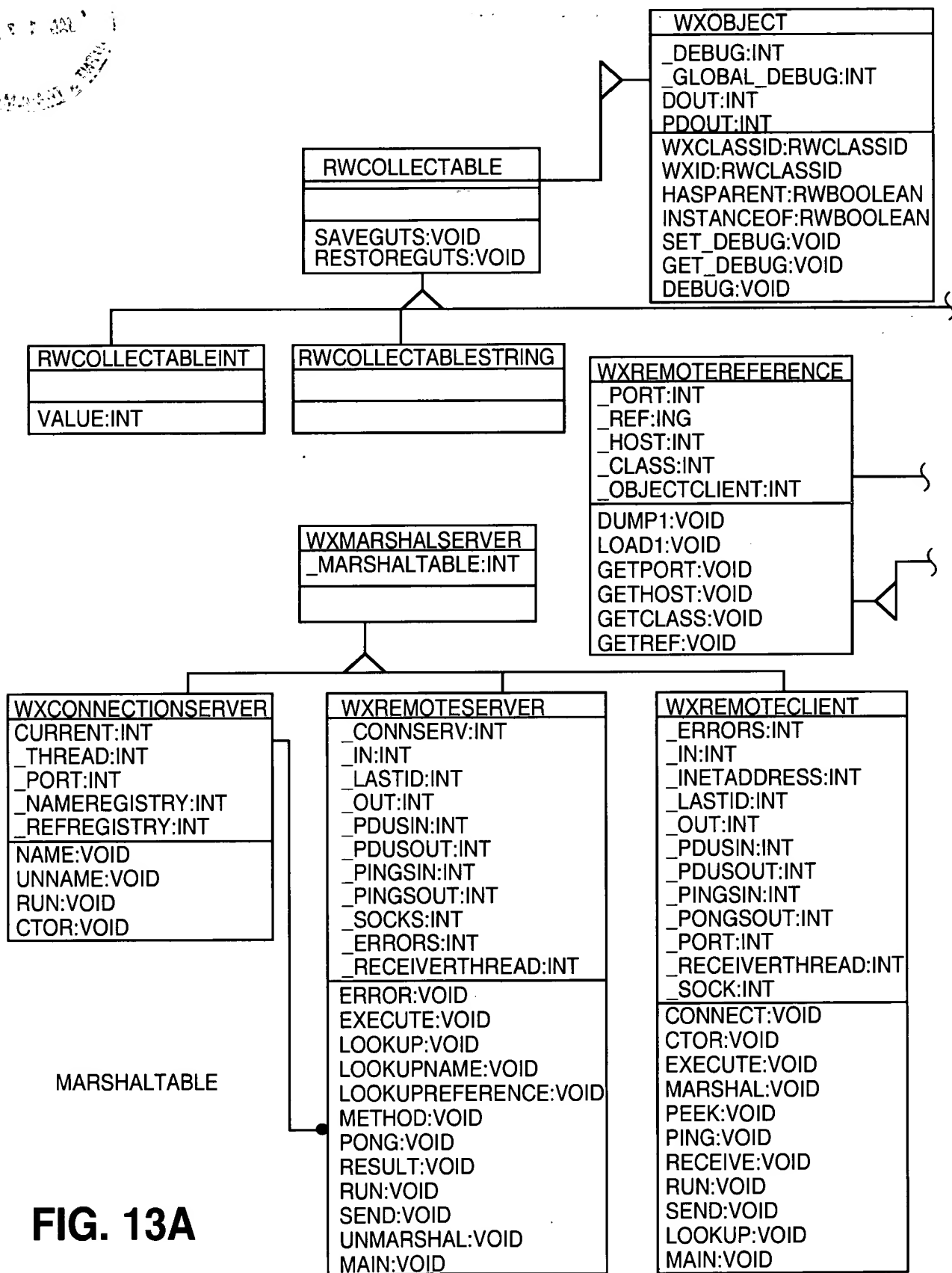
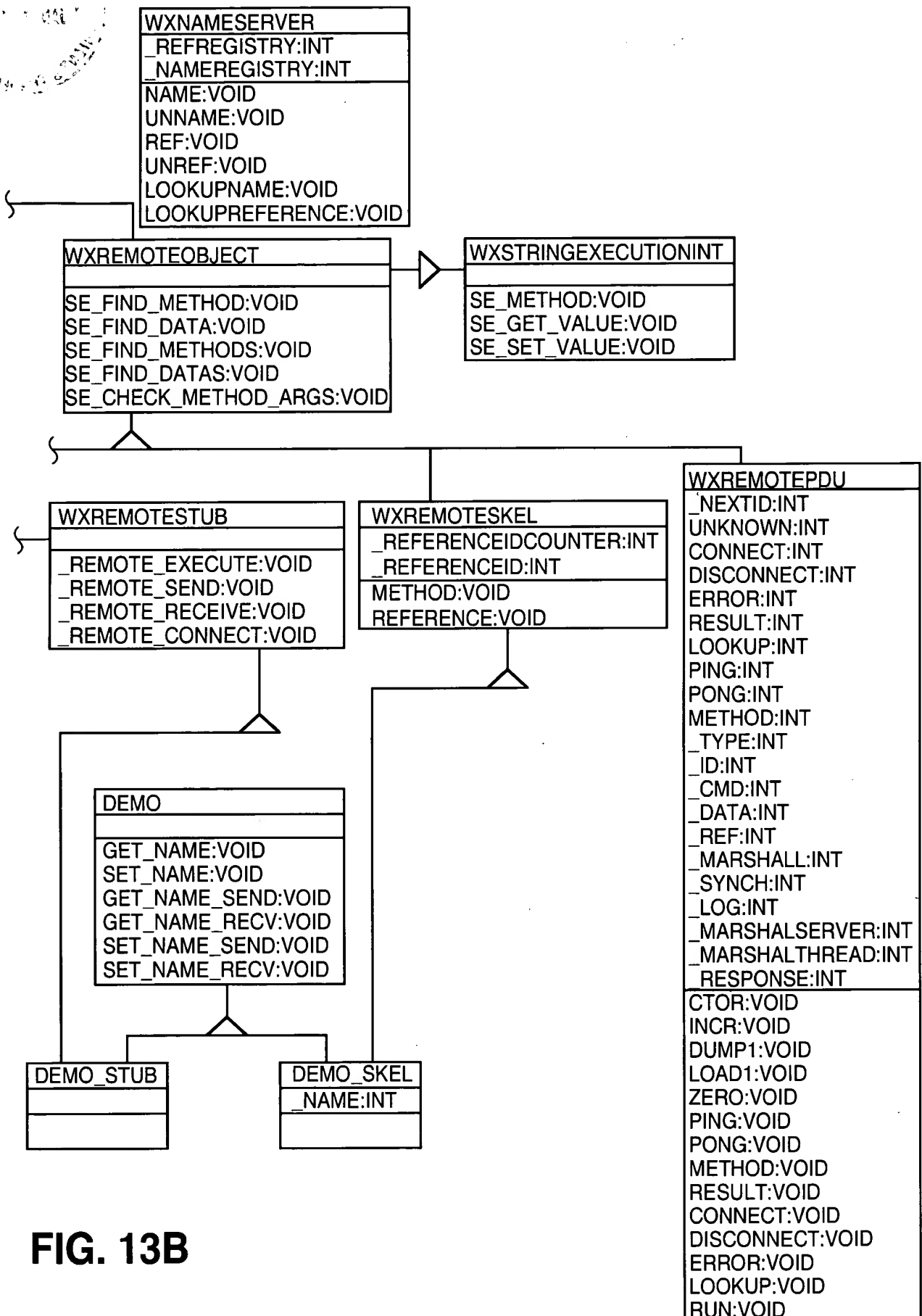
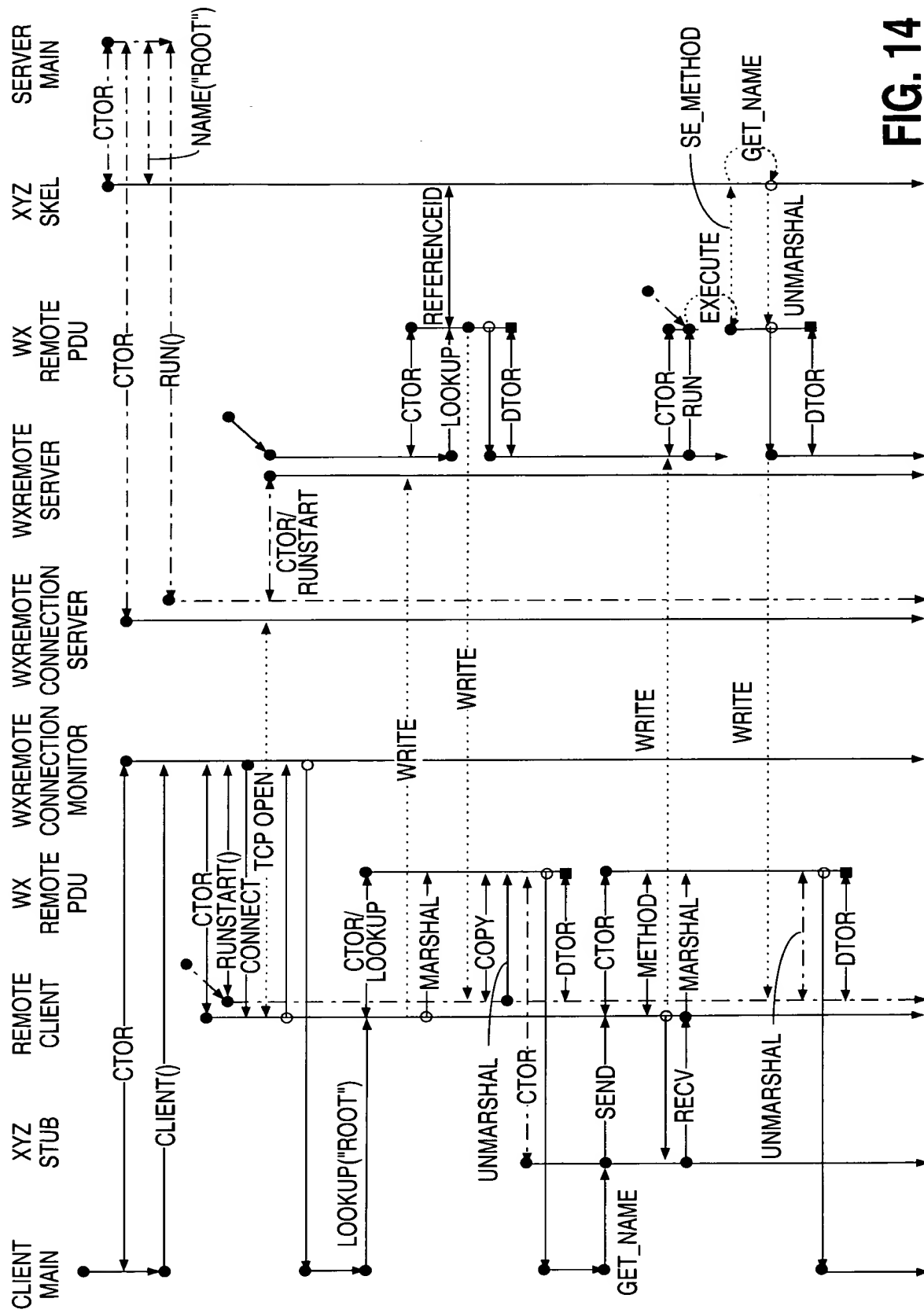


FIG. 12

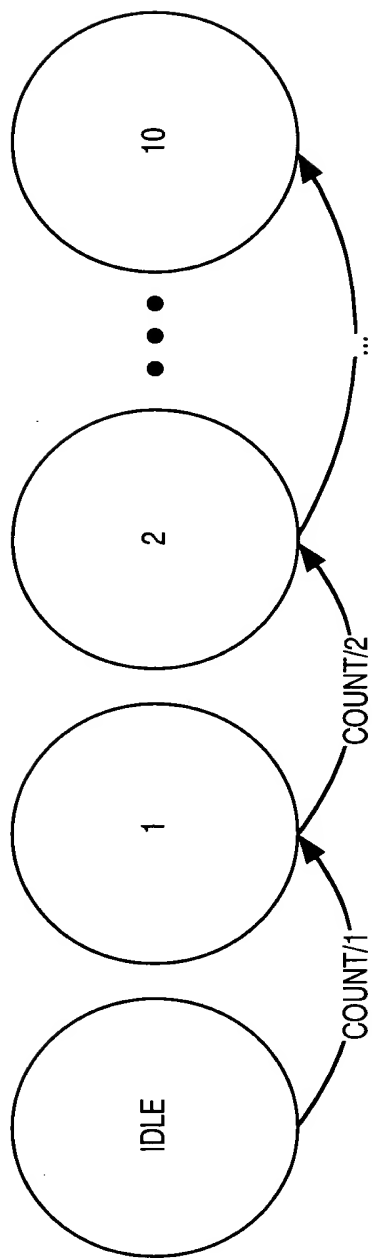




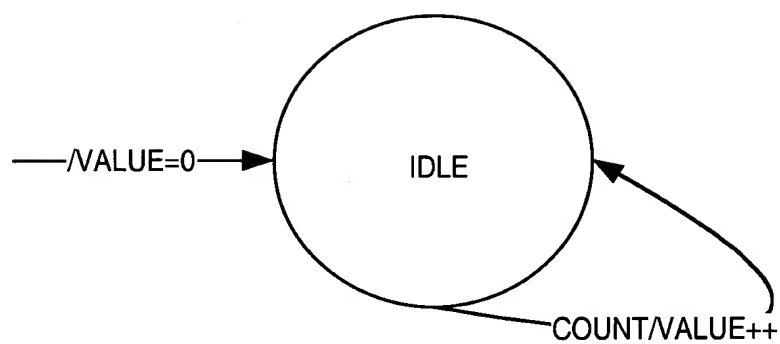
**FIG. 13B**





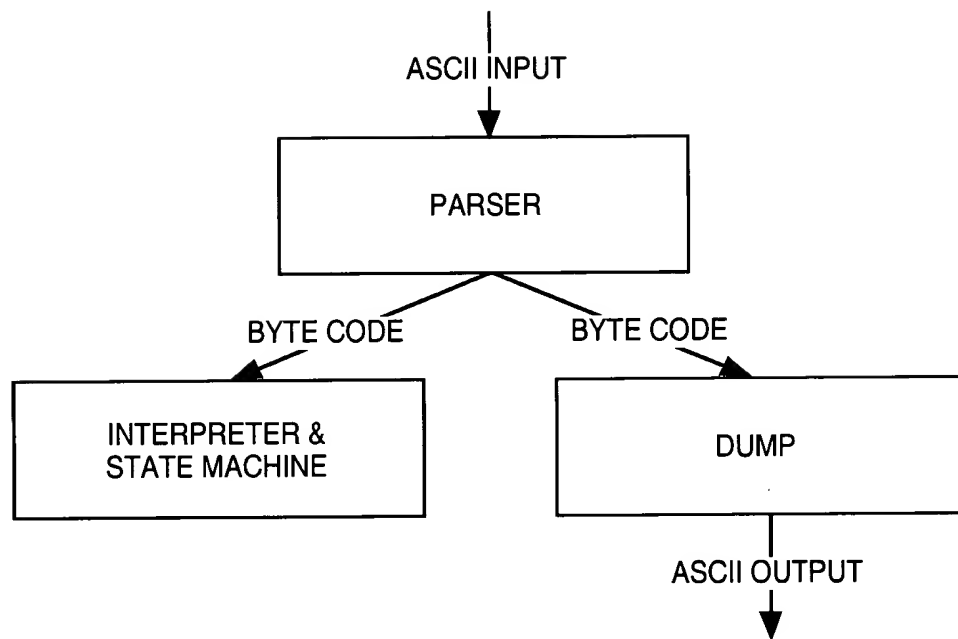


**FIG. 16**



**FIG. 17**





**FIG. 18**



```
BEGINCLASS COREBUSINESSOBJECT
BEGINDATA
ENDDATA

BEGINMETHOD
INCLUDE HSKEL
PRIVATE:
# USED BY THE FINITE STATE MACHINE
VIRTUAL VOID FSM_INIT() {}
VOID FSM_ACTION_TIMEOUT(CONST CHAR* TIMEVAL);
VOID FSM_ACTION_THROW(CONST CHAR* MESSAGE);
VOID FSM_ACTION_RETURN(CONST CHAR* RESULT);
VOID FSM_ACTION_SEND(CONST CHAR* VALUE);
PUBLIC:
ENDINCLUDE

# TO CONFIGURE THE FSM
METHOD      VOID  FSM_LOAD_DOLSIB {STRING FILENAME}
# TO TRIGGER AN EVENT IN THE FSM
METHOD      VOID  FSM_EVENT  {STRING NAME} {STRING VALUE}
METHOD      STRING FSM_RESULT
# TO SET/GET VARIABLES FROM FSM
METHOD      VOID  FSM_SET_STRING {STRING NAME} {STRING VALUE}
METHOD CONST STRING FSM_GET_STRING {STRING NAME}
METHOD      VOID  FSM_SET_INTEGER {STRING NAME} {INT VALUE}
METHOD CONST INT  FSM_GET_INTEGER {STRING NAME}
ENDMETHOD

ENDCLASS
```

**FIG. 19**

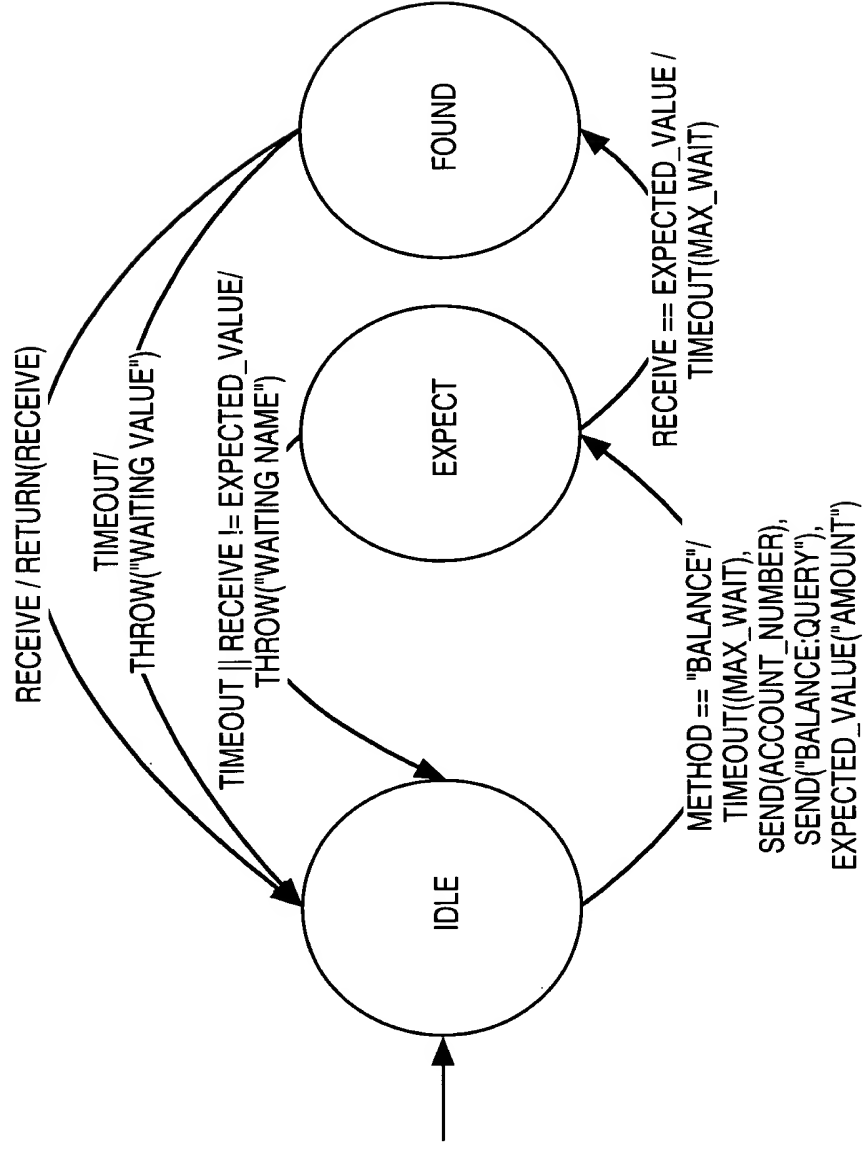


FIG. 20

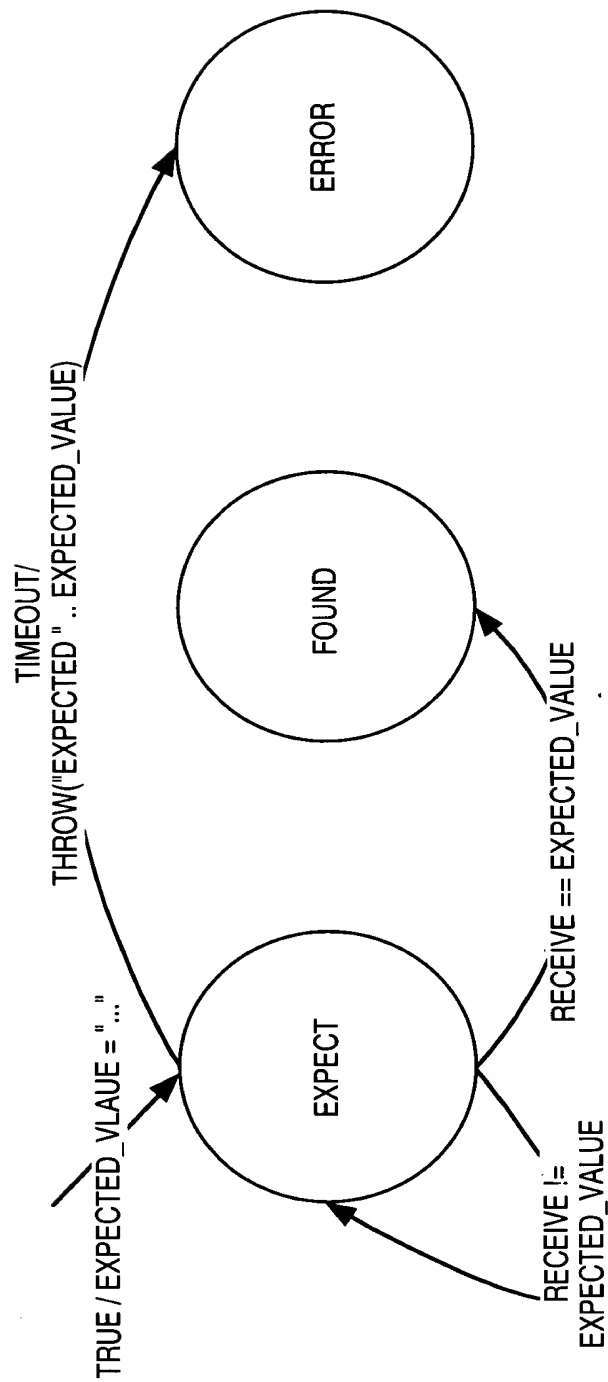


FIG. 21

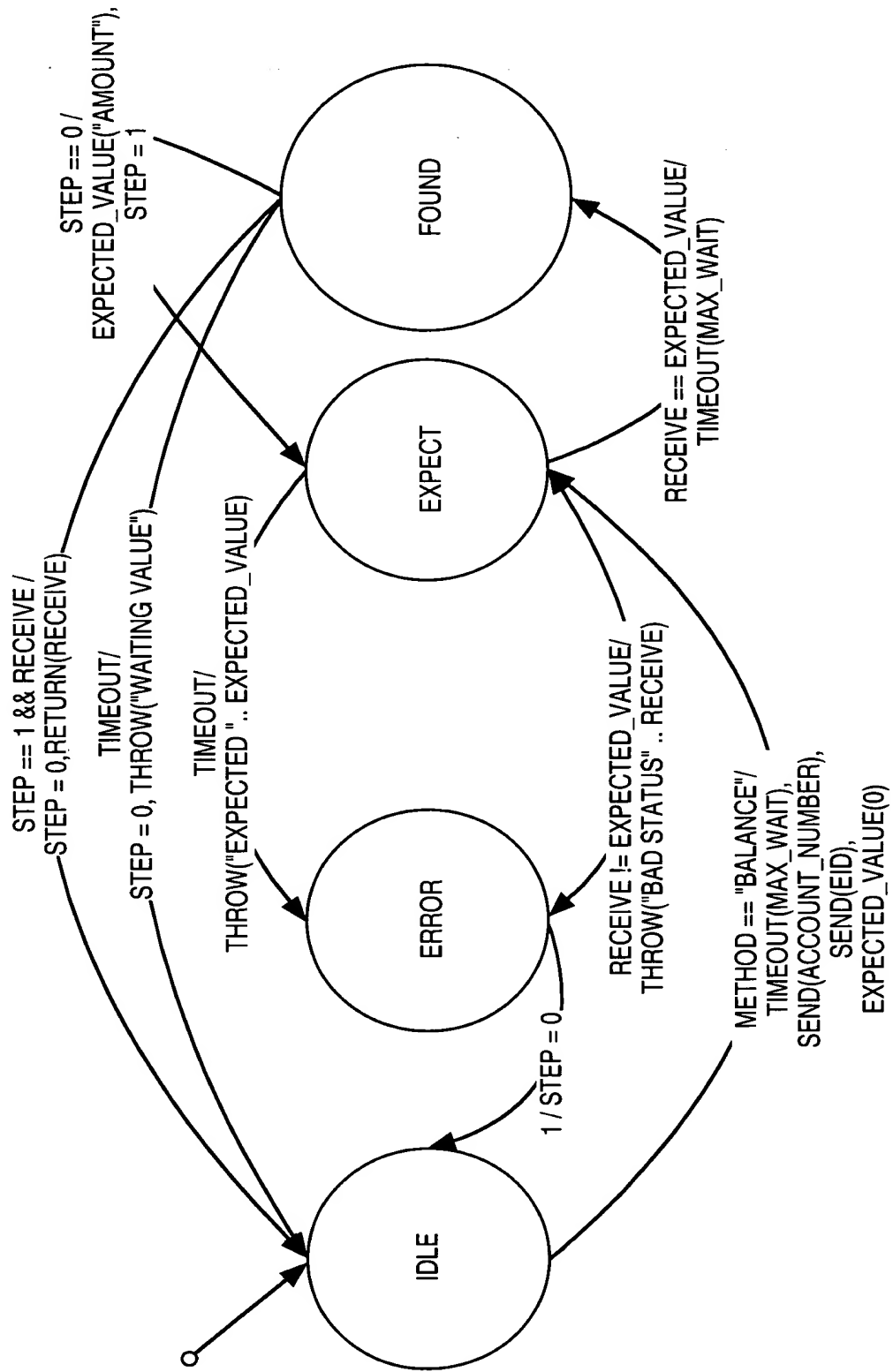


FIG. 22